

## ABSTRACT OF THE DISCLOSURE

A network administration system includes a network administrator which performs re-arrangement of network resources. The network administrator  
5 includes functions of estimating a probability at which failures would occur in a cell in which network resources have been re-arranged, and repeating re-arrangement of network resources for minimizing the probability, calculating a probability at which failures would occur, based on data about past cells, and indicating a probability at which failures would occur in each of cells in which  
10 network resources have been re-arranged.